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	CENTRAL INTELLIGENCE AGEN	, · · · · <u> </u>	25X1
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COUNTRY	USSR (Moscow Oblast) CONFID	ENTIAL DATE DISTR.	15 Oct. 1950
SUBJECT	Plant No. 165 of the Aerodynamic Institute in Moscow	NO. OF PAGES	3
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2. P	lant designation :		P .
o t s	in Plant No 45, when labor details wer if work, the plant was always called z ification number was seen by source of tolovoya building. PW engineers and don their professions said that the playnamic Institute.	(avod No 165. The same on a bulletin board at draftsmen who were comp	e iden- ; the cloyed
3. H	istorical data :		
i i c s	ccording to Soviet workers the plant as an aircraft engine plant. Source we twas being converted to the production urved workshop (item 2 of Annex 2) was tructed and the foundations for new must 1947 the roof of this shop was re	os under the impression of aircraft turbing particularly being achinery were built;	on that les. The recon-
4. L	ayout: See sketches 2 and 3 on Annex	2.	
t.	. The large workshop (item 1 of sketchen the other workshops. It was off-1 the workshop hich four rows of lathes and milling	imits to PWs. consisted of one hal	25X1
o m	. The workshop (item 2 of sketch 2) wonts. Transformers were seen in a 3 x	as composed of five de 8 - meter compartmen	epart- t;

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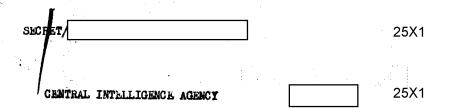
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switchboards were installed on the walls. A 3 x 3 x 3-meter electric furnace was standing in the middle of the room. A cable duct led to the transformer house. Two foundations were dug out and concreted between the furnace and the internal wall. (Dimensions: 2×3 meters, 1.5 meter dug in and 30 centimeters above surface).

Five or six large castings (turbine casings as described in Plant No 45) in addition to wooden and sand molds were seen in this shop. The furnace was not in operation during the day, the castings being produced at night when the PWs were not present. A crucible pot was suspended from a traveling crane.

The other four departments of the building were of about equal size. In the second department were two rows of 10 lathes (2.5 x 1 meter) and 5 milling machines set up in two rows; between the two rows were three boring machines. In each corner of the department a 5 x 7-meter space was partitioned off which was taken up by two rooms, a storage room and a laboratory.

In the third room were six 2.5 x 1-meter lathes arranged in two rows.

The fourth room was equipped with one 1.5 x 1.5 x 2-meter oil-burning furnace, resting on 0.8 meter high iron legs, and with one steam hammer, 2.5 meters high and 30 centimeters in diameter. This room was still being reconstructed. In July 1947 the floor was being taken up (source was assigned to this work).

The fifth room was subdivided into four compartments of equal size. The room was not yet furnished. Wooden floors were being laid and doors were instelled.

- c. Workshop item 3 of sketch 2 west of the large workshop was being re-equipped. In August 1947 ______ that a forge was being 25X1 installed. A furnace was under construction in the middle of the room. _____ three smith's hearths were also being built.
- d. The northern workshop (item 4 of sketch 2) was subdivided into three departments.

 a turbine of the 25X1 same type as that described in Plant No 45. The doors of this shop were guarded. The area around this workshop was cordoned off about seven times by factory police and the fire department in August 1947. Throughout the day with only short interruptions the same loud and high-pitched howl was heard as from the test stands of Plant No 45.
- e. Only the roof construction (steel and concrete slabs) was stored on the assembly site (item 5 of sketch 2).
- f. Six to eight factory trucks were parked on the parking lot (item 6 of sketch 2).

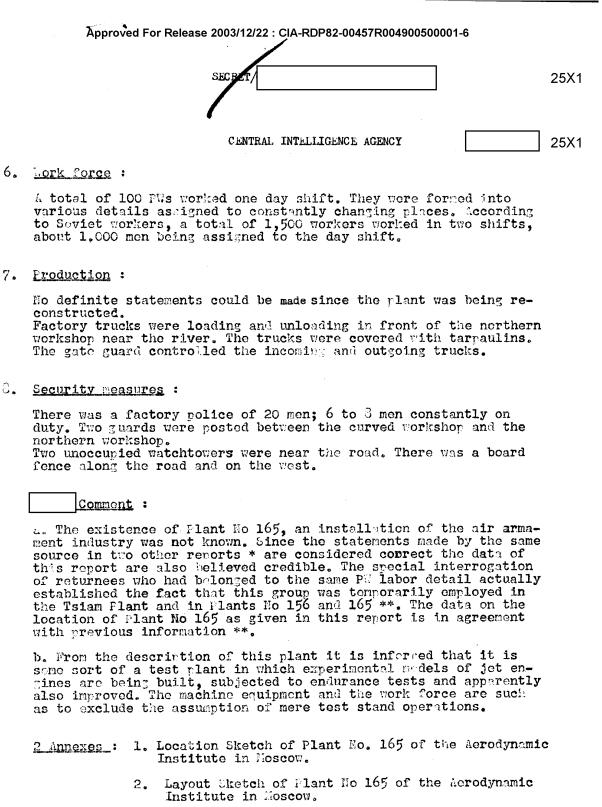
5. Plant management :

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Some of the executive engineers were air force uniforms, others were civilian clothes. Air force commissions visited the plant three or four times. They usually stayed in the northern workshop equipped with a turbine.

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